

# **INDIVIDUAL WEAPON EVOLUTION to day, to morrow & after to morrow**

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*Small caliber weapon - Program manager*

## THE FAMAS FAMILY

### FAMAS ASSAULT RIFFLE IMPROVEMENT

- ➡ new integrated hand grip
- ➡ night sight
- ➡ quick aiming device
- ➡ red dot sight



## THE FAMAS FAMILY

### EVOLUTION FOR GENERAL PURPOSE

- ✚ a SMG version for a possible PDW
- ✚ a close support version :  
M203PI adaptability
- ✚ a light sniper version
- ✚ modification of existing and in service weapons



## THE ECAD & FELIN FAMAS

### THE ECAD TECHNICAL DEMONSTRATOR

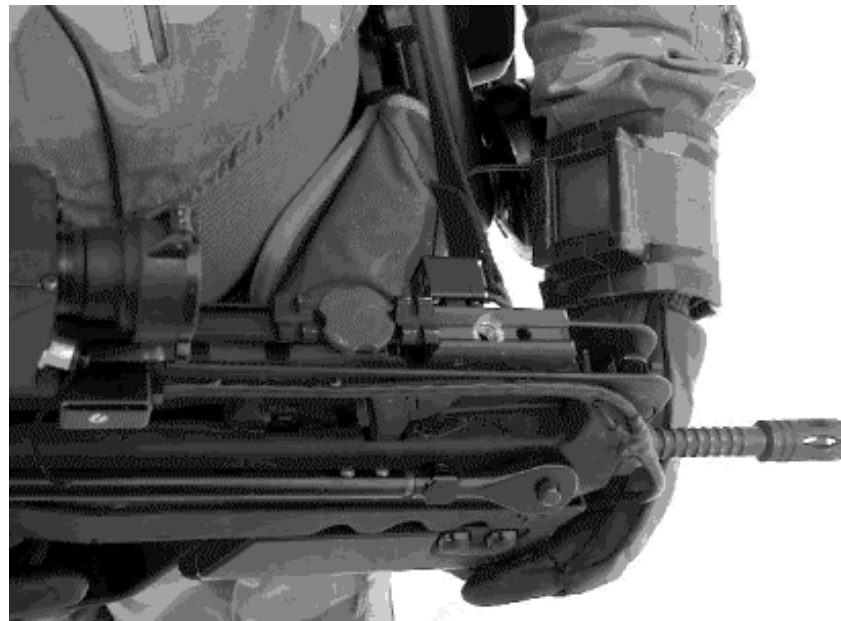
- ECAD FAMAS with new functionalities
- remoted day / night aiming & firing
- IFF and tactical simulation
- target designation
- image capture
- ECAD individual system command & controls (MMI)



## THE ECAD & FELIN FAMAS

### ECAD FEASIBILITY DEMONSTRATION

- ✚ an individual equipment already tested
- ✚ a 10 men section equipped in December
- ✚ field trials planned in early 2000



## THE ECAD & FELIN FAMAS

### A MODIFIED FAMAS FOR 2005 FELIN SOLDIER SYSTEM

- ➡ a lightened weapon
- ➡ a better integration capability
- ➡ a platform for new functionality testing





## THE ECAD & FELIN FAMAS

### NEW FUNCTIONALITIES

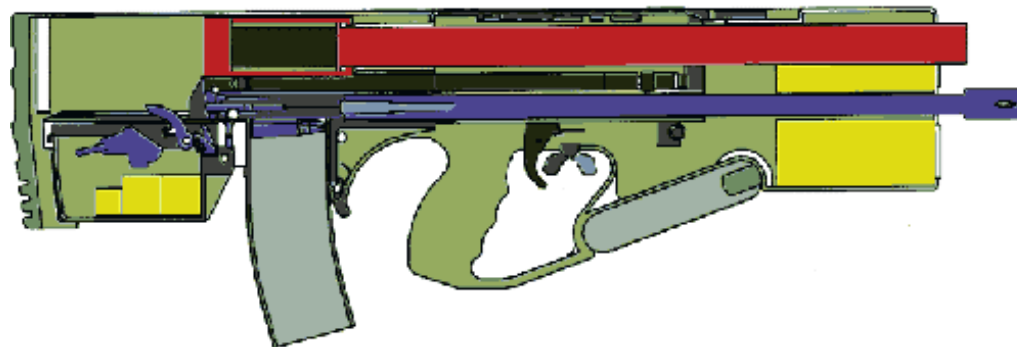
- ➡ modularity
- ➡ stabilized aiming
- ➡ electronically assisted firing control
- ➡ live video transmission
- ➡ new concept for friend identification



## ICW FOR AFTER TO MORROW

### WHAT IS THE NEW CHALLENGE ?

- ➡ to increase the range of action
- ➡ to destroy targets behind a cover
- ➡ to assist the DRI
- ➡ to integrate the soldier system

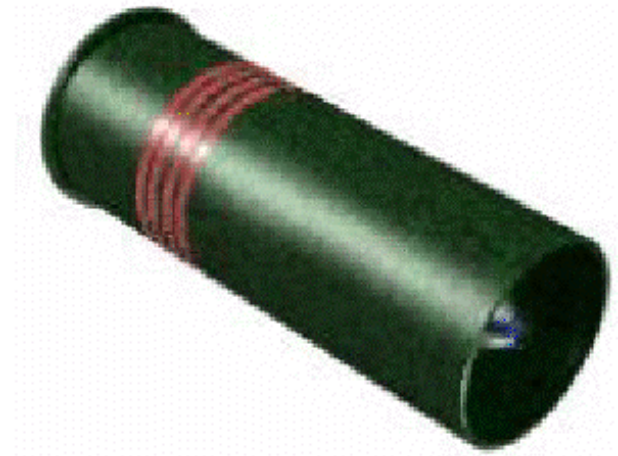




## ICW FOR AFTER TO MORROW

### DIFFERENT POSSIBILITIES

- ✚ a programmable bursting ammunition, minimum 30 mm caliber, light or medium impulse
- ✚ individual weapon with 2 launcher
- ✚ close support weapon with 1 or 2 launchers
- ✚ integrated firing controls



## **CONCLUSION**

**A QUIET EVOLUTION, NOT A REVOLUTION**

**THE USE OF EXISTING WEAPON AVAILABLE TO BE MODIFIED**

**THE USE OF DIFFERENT PLATFORMS FOR NEW FUNCTIONALITIES  
& CAPABILITIES TESTING**

**A DESIGN TO COST PROCESS FOR THE BURSTING AMMUNITION**